

Rat GC ELISA Kit | GC elisa kit

Rat GC (Glucagon) ELISA Kit

CATALOG #
AAA164033

REACTIVITY
Rat

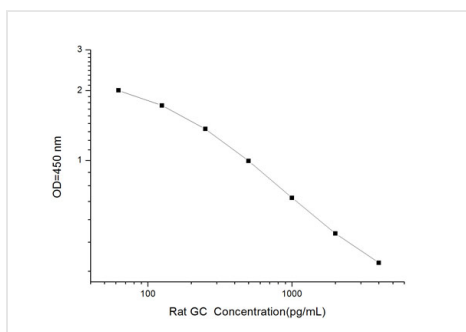
PRODUCT SYNONYMS

GC; Rat GC (Glucagon) ELISA Kit; GC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat GC in samples. No significant cross-reactivity or interference between Rat GC and analogues was observed.
Sequence Length	501
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	62.5-4000pg/mL
Sensitivity	37.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat GC were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat GC were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GC elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat GC concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat GC. During the reaction, Rat GC in the sample or standard competes with a fixed amount of Rat GC on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat GC. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Rat GC in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	412769
NCBI Official Full Name	gC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/gc/164033>